



2815

Please type a plus sign (+) inside this box → 

PTO/SB/21 (08-00)

Approved for use through 10/31/2002. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

## TRANSMITTAL FORM

(to be used for all correspondence after initial filing)

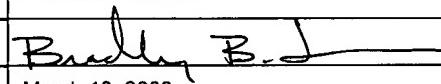
	Application Number	09/944,472
	Filing Date	August 30, 2001
	First Named Inventor	James J. Howarth
	Group Art Unit	2815
	Examiner Name	J. Diaz
	Attorney Docket Number	2269-4348US (MUEI-0547.00/US)

## ENCLOSURES (check all that apply)

<input checked="" type="checkbox"/> Postcard receipt acknowledgment (attached to the front of this transmittal)  <input checked="" type="checkbox"/> Duplicate copy of this transmittal sheet in the event that additional filing fees are required under 37 C.F.R. § 1.16  <input type="checkbox"/> Preliminary Amendment  <input checked="" type="checkbox"/> Response to Restriction Requirement/Election of Species Requirement dated February 11, 2003  <input type="checkbox"/> Amendment in response to office action dated  <input type="checkbox"/> Amendment under 37 C.F.R. § 1.116 in response to final office action dated  <input type="checkbox"/> Additional claims fee - Check No. in the amount of \$  <input type="checkbox"/> Letter to Chief Draftsman and copy of FIGS. with changes made in red  <input type="checkbox"/> Transmittal of Formal Drawings  <input type="checkbox"/> Formal Drawings ( sheets)	<input type="checkbox"/> Information Disclosure Statement, PTO/SB/08A (08-00); <input type="checkbox"/> copy of cited references  <input type="checkbox"/> Supplemental Information Disclosure Statement; PTO/SB/08A (08-00); copy of cited references and Check No. in the amount of \$180.00  <input type="checkbox"/> Associate Power of Attorney  <input type="checkbox"/> Petition for Extension of Time and Check No. in the amount of \$  <input type="checkbox"/> Petition  <input type="checkbox"/> Fee Transmittal Form  <input type="checkbox"/> Certified Copy of Priority Document(s)  <input type="checkbox"/> Assignment Papers (for an Application)	<input type="checkbox"/> Terminal Disclaimer  <input type="checkbox"/> Terminal Disclaimer  <input type="checkbox"/> Terminal Disclaimer  <input type="checkbox"/> Other Enclosure(s) (please identify below):
Remarks		
<b>The Commissioner is authorized to charge any additional fees required but not submitted with any document or request requiring fee payment under 37 C.F.R. §§ 1.16 and 1.17 to Deposit Account 20-1469 during pendency of this application.</b>		

RECEIVED  
 MAR 19 2003  
 TECHNOLOGY CENTER 2800

## SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm or Individual name	Bradley B. Jensen	Registration No. 46,801
Signature		
Date	March 10, 2003	

## CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Commissioner for Patents, Washington, D.C. 20231 on the date shown below.

Typed or printed name	Deidra Pfeil	Date	March 10, 2003
Signature			

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, Washington, DC 20231.



# 7  
Electon  
w/B  
3/25/03  
arj

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

James J. Howarth

Serial No.: 09/944,472

Filed: August 30, 2001

For: METHOD OF BALL GRID ARRAY  
(BGA) ALIGNMENT, METHOD OF  
TESTING, ALIGNMENT APPARATUS  
AND SEMICONDUCTOR DEVICE  
ASSEMBLY

Confirmation No.: 1559

Examiner: J. Diaz

Group Art Unit: 2815

Attorney Docket No.: 2269-4348US  
(MUEI-0547.00/US)

CERTIFICATE OF MAILING

I hereby certify that this correspondence along with any attachments referred to or identified as being attached or enclosed is being deposited with the United States Postal Service as First Class Mail on the date of deposit shown below with sufficient postage and in an envelope addressed to the Commissioner for Patents, Washington, D.C. 20231.

3/10/03  
Date

Signature

Deidra Pfeil  
Name (Type/Print)

RECEIVED  
MAR 19 2003  
TECHNOLOGY CENTER 2800

RESPONSE TO ELECTION OF SPECIES REQUIREMENT AND SECOND  
PRELIMINARY AMENDMENT

Box Non-Fee Amendment  
Commissioner for Patents  
Washington, D.C. 20231

Dear Sir:

This communication is in response to the Election of Species Restriction Requirement mailed on February 11, 2003, the initial period for response to which expires on March 11, 2003. Prior to examination of the above-referenced patent application on the merits, entry of the amendments as set forth herein is respectfully solicited.